## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
1	139	(US-7314350-\$ or US-7271563-\$ or US-	USPAT; USOCR	OR	OFF	2008/07/27
	1	7267531-\$ or US-7259533-\$ or US-	1001711, 000011	1-11	1	14:15
		7217103-\$ or US-7168924-\$ or US-		1		
	ļ	7163381-\$ or US-7163380-\$ or US-				
		7156873-\$ or US-7118347-\$ or US-				
		7100382-\$ or US-7090470-\$ or US-		]		
	ļ	7033147-\$ or US-6997684-\$ or US-				
		6987373-\$ or US-6960893-\$ or US-		1		
		6954040-\$ or US-6941785-\$ or US-				
		6932696-\$ or US-6930462-\$ or US-				
		6874993-\$ or US-6869272-\$ or US-				
		6864647-\$ or US-6857858-\$ or US-				
		6851934-\$ or US-6840735-\$).did. or (US-				
		6832898-\$ or US-6815922-\$ or US-				
		6811380-\$ or US-6779982-\$ or US-				
	1	6753665-\$ or US-6747424-\$ or US- 6746211-\$ or US-6715996-\$ or US-	1			
				1		
	ļ	6709240-\$ or US-6705102-\$ or US-	1			
	ļ	6685438-\$ or US-6682310-\$ or US-				
		6663348-\$ or US-6652239-\$ or US-				
	ļ	6652238-\$ or US-6640896-\$ or US-				
		6638023-\$ or US-6623246-\$ or US-				
	ļ	6616413-\$ or US-6599095-\$ or US-				
		6595757-\$ or US-6584997-\$ or US-				
		6565327-\$ or US-6565325-\$ or US-				
		6554577-\$ or US-6541953-\$ or US-				
	1	6537034-\$).did. or (US-6537032-\$ or US-				
		6527519-\$ or US-6524075-\$ or US-				
		6520746-\$ or US-6504338-\$ or US-				
		6481973-\$ or US-6468042-\$ or US-			1	
		6462494-\$ or US-6375847-\$ or US-				
		6364621-\$ or US-6354805-\$ or US-		1		
	ļ	6322325-\$ or US-6254353-\$ or US-				
		6254352-\$ or US-6244825-\$ or US-				
		6092992-\$ or US-6050780-\$ or US-			200	
		5961291-\$ or US-5947693-\$ or US-			1	
		5868175-\$ or US-5833437-\$ or US-			200	
		5820349-\$ or US-5803712-\$ or US-			*	
		5797718-\$ or US-5736823-\$ or US-				
	ļ	5727928-\$ or US-5725357-\$).did. or (US-			1	
	ļ	5672051-\$ or US-5601413-\$ or US-			***************************************	
		5575085-\$ or US-5549456-\$ or US-		1	areas .	
		5545012-\$ or US-5520517-\$ or US-		1	*	
		5496153-\$ or US-5484266-\$ or US-			-	
		5447414-\$ or US-5425623-\$ or US-			1	
		5372482-\$ or US-5362206-\$ or US-			1	
		5348448-\$ or US-5340282-\$ or US-	1		1	
	-	5336052-\$ or US-5324170-\$ or US-		1	-	
	1	5318409-\$ or US-5284422-\$ or US-			***************************************	
		5224389-\$ or US-5200872-\$ or US-	1			
		5076763-\$ or US-5015153-\$ or US-		1		
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		4712648-\$).did. or (US-4702674-\$ or US-	1			
		4685903-\$ or US-4667480-\$ or US-	1		•	
		4473338-\$ or US-4420787-\$ or US-		]		
		4363605-\$ or US-4345442-\$ or US-	1			
		4302157-\$ or US-4299541-\$ or US-		]		
	1	4293281-\$ or US-3981621-\$ or US-	1	1		

		394973-4 \$ or US 3855515-\$ or US 3610779-\$ or US 355053-\$ or US 3279377-\$ or US 319503-\$ or US 3279377-\$ or US 3195034-\$ or US 1609915-\$ or US 269931-\$ or US 1609915-\$ or US 1609915-\$ or US 160926-\$ or US 1609915-\$ or US 160927-\$ or US 1609915-\$ or US 278377-\$ or US 2855653-\$ or US 279377-\$ or US 2947931-\$ or US 1609915-\$ or US 1609				
L2	143	(417/44.11).OOLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:15
L3	4	L2 not l1	USPAT	OR	OFF	2008/07/27 14:15
L12	189	(US-7273359-\$ or US-7217103-\$ or US-7189320-\$ or US-7189320-\$ or US-7189320-\$ or US-7189320-\$ or US-7189320-\$ or US-7163381-\$ or US-716381-\$ or US-716381-\$ or US-718950-\$ or US-708509-\$ or US-708509-\$ or US-7085571-\$ or US-708571-\$ or US-708571-\$ or US-708571-\$ or US-708571-\$ or US-708571-\$ or US-71893-\$ or US-	USPAT	OR	OFF	2008/07/27

		5360320-\$ or US-5295790-\$ or US     5284423-\$ or US-52981100-\$ or US     5284623-\$ or US-52981100-\$ or US     5286695-\$ or US-525981-\$ or US     5286695-\$ or US-525981-\$ or US     52866976-\$ or US-525981-\$ or US     5246076-\$ or US-5201636-\$ or US     5176505-\$ or US-516408-\$ or US     5176505-\$ or US-516408-\$ or US     5141402-\$ or US-5120199-\$ or US     5141402-\$ or US-5120199-\$ or US     5083905-\$ or US-501156-\$ or US     5083905-\$ or US-501156-\$ or US     4990058-\$ or US-5090057-\$ or US     4990058-\$ or US-4990057-\$ or US     4990058-\$ or US-4990057-\$ or US     4990158-\$ or US-4990057-\$ or US     4990158-\$ or US-4990057-\$ or US     4990158-\$ or US-49912587-\$ or US     4950571-\$ or US-4950238-\$ or US     4950595-\$ or US-4912587-\$ or US     4950595-\$ or US-4979207-\$ or US     4750595-\$ or US-4979207-\$ or US     4750594-\$ or US-47679207-\$ or US     4750594-\$ or US-4767926-\$ or US     4750594-\$ or US-4767926-\$ or US     4760594-\$ or US-4767926-\$ or US     4760695-\$ or US-4767926-\$ or U				
L13	984	(417/44.1).CCLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:17
L14	320	(417/44.2).CCLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:17
L15	143	(417/44.11).OCLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:17
L16	541	(417/45). CCLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:17
L17	382	(417/18). CCLS.	USPAT; USOCR	OR	OFF	2008/07/27 14:17
L18	1489	L13 or L14 or L15 or L16 or L17	USPAT	OR	OFF	2008/07/27 14:17
L19	800	L18 and pressure	USPAT	OR	OFF	2008/07/27 14:17
L20	677	L19 and motor	USPAT	OR	OFF	2008/07/27 14:17

L21	192	L20 and feedback	USPAT	OR	OFF	2008/07/27 14:17
L22	3	L21 not L12	USPAT	OR	OFF	2008/07/27 14:17
L23	1	"3593103".pn.	USPAT	OR	OFF	2008/07/27 14:25
S1	426	yanagida.in.	USPAT	OR	OFF	2008/01/10 20:26
S2	249	yasuto.in.	USPAT	OR	OFF	2008/01/10 20:26
S3	5	S1 and S2	USPAT	OR	OFF	2008/01/10 20:26
S4	1874	nakata.in.	USPAT	OR	OFF	2008/01/10 20:29
S5	6909	tetsuo.in.	USPAT	OR	OFF	2008/01/10 20:29
S6	20	S4 and S5	USPAT	OR	OFF	2008/01/10 20:29
S7	6741	yoshiyuki.in.	USPAT	OR	OFF	2008/01/10 20:32
S8	773	ochi, in.	USPAT	OR	OFF	2008/01/10 20:32
S9	19	S7 and S8	USPAT	OR	OFF	2008/01/10 20:32
S10	1	JP-2001342989-\$.did.	DERWENT	OR	OFF	2008/01/10 20:41
S11	0	JP-01342989-\$.did.	DERWENT	OR	OFF	2008/01/10 20:43
S12	1	JP-2001240781-\$.did.	DERWENT	OR	OFF	2008/01/10 20:44
S13	1	JP-09264260-\$. did.	DERWENT	OR	OFF	2008/01/10 20:45
S14	0	WO-1999045276-\$.did.	DERWENT	OR	OFF	2008/01/10 20:49
S15	9672	nishimura.in.	DERWENT	OR	OFF	2008/01/10 20:51
S16	52	shunichi.in.	DERWENT	OR	OFF	2008/01/10 20:51
S17	1	S15 and S16	DERWENT	OR	OFF	2008/01/10 20:52
S18	495	(318/609). OCLS.	USPAT; USOCR	OR	OFF	2008/01/14 07:23
S19	437	(318/610). OCLS.	USPAT; USOCR	OR	OFF	2008/01/14 07:23
S20	625	S18 or S19	USPAT	OR	OFF	2008/01/14 07:24
S21	346	\$20 and motor\$1	USPAT	OR	OFF	2008/01/14 07:27
S22	495	(318/609). OCLS.	USPAT; USOCR	OR	OFF	2008/01/14 07:33
S23	437	(318/610). OOLS.	USPAT; USOCR	OR	OFF	2008/01/14 07:33
S24	625	S22 or S23	USPAT	OR	OFF	2008/01/14

S25	346	S24 and motor\$1	USPAT	OR	OFF	2008/01/14 07:33
S26	12	\$25 and (torque adj speed)	USPAT	OR	OFF	2008/01/14 07:33
327	3519	motor\$1 and (torque adj speed)	USPAT	OR	OFF	2008/01/14 07:40
328	3343	S27 and control\$3	USPAT	OR	OFF	2008/01/14 07:40
329	581	S28 and ((pulse adj width adj modulation) or pwm)	USPAT	OR	OFF	2008/01/14 07:42
530	140	S29 and ((horse adj power) or horsepower or hp)	USPAT	OR	OFF	2008/01/14 08:09
331	19	("3781616"   "3838322"   "3991352"   "4461988"   "4649331"   "5029263"   "5032771"   "5121043").PN. OR ("5479081").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 08:22
332	975	(417/44.1).00LS	USPAT; USOCR	OR	OFF	2008/01/14 09:24
333	313	(417/44.2).CCLS.	USPAT; USOCR	OR	OFF	2008/01/14 09:24
S34	139	(417/44.11).OOLS.	USPAT; USOCR	OR	OFF	2008/01/14 09:24
S35	0	(417/44.45).OOLS.	USPAT; USOCR	OR	OFF	2008/01/14 09:24
336	538	(417/45).CCLS.	USPAT; USOCR	OR	OFF	2008/01/14 09:25
337	381	(417/18).CCLS.	USPAT; USOCR	OR	OFF	2008/01/14 09:25
538	0	("L11orL12orL13orL15orL16").PN.	USPAT; USOCR	OR	OFF	2008/01/14 09:25
S39	1471	\$32 or \$33 or \$34 or \$36 or \$37	USPAT	OR	OFF	2008/01/14 09:26
S40	790	S39 and pressure	USPAT	OR	OFF	2008/01/14 09:27
S41	667	S40 and motor	USPAT	OR	OFF	2008/01/14 09:27
S42	189	S41 and feedback	USPAT	OR	OFF	2008/01/14 09:28
S43	60	("1406141"   "4108574"   "4197576"   "421681"   "4276003"   "4277832"   "4326837"   "4358322"   "4384825"   "4425605"   "4432683"   "4458321"   "4493614"   "4498843"),PN. OR ("4617637"),URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 09:55
S44	8	("3966358"   "4225290"   "4474104"   "4595495"   "4617637"   "4795314"   "4850805"   "5240380").PN. OR ("6537032").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 09:57
S45	381	(318/430).OOLS.	USPAT; USOCR	OR	OFF	2008/01/14 11:04
346	182	(318/431).CCLS.	USPAT; USOCR	OR	OFF	2008/01/14 11:04
547	439	S45 or S46	USPAT	OR	OFF	2008/01/14 11:05
548	283	S47 and start\$4	USPAT	OR	OFF	2008/01/14 11:06

S49	42	S48 and pump\$1	USPAT	OR	OFF	2008/01/14 11:06
S50	1418739	(pressure with flow with characteristic\$1) or (torque with speed characteristic\$1)	USPAT	OR	OFF	2008/01/14 11:21
S51	10053	(pressure with flow with characteristic\$1)	USPAT	OR	OFF	2008/01/14 11:21
S52	0	torque with speed with characteristc\$1	USPAT	OR	OFF	2008/01/14 11:22
S53	0	(torque with speed with characteristc\$1)	USPAT	OR	OFF	2008/01/14 11:23
S54	0	(torque with speed) with characteristc\$1	USPAT	OR	OFF	2008/01/14 11:23
S55	5205	S51 and pump\$3	USPAT	OR	OFF	2008/01/14 11:24
S56	2489	S55 and motor\$1	USPAT	OR	OFF	2008/01/14 11:24
S57	822	S56 and voltage\$1	USPAT	OR	OFF	2008/01/14 11:24
S58	95630	("417").CLAS.	USPAT; USOCR	OR	OFF	2008/01/14 11:26
S59	75468	("318").CLAS.	USPAT; USOCR	OR	OFF	2008/01/14 11:26
S60	513	S51 and S58	USPAT	OR	OFF	2008/01/14 11:27
S61	805	\$57 and contro\$5	USPAT	OR	OFF	2008/01/14 11:29
S62	448	S61 and (servo or feedback)	USPAT	OR	OFF	2008/01/14 11:30
S63	19	("4384825"   "4527953"   "5269659"   "5295790").PN. OR ("5520517").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:11
S64	469	S60 not S62	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:36
S65	43	S64 and (horsepower or (horse adj power) or hp)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:37
S66	38	S51 and S59	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:40
S67	18	["20020014870"   "4055106"   "4194178"   "469714"   "4955790"   "4998679"   "5510261"   "5607694"   "5670931"   "5810568"   "5908266"   "5997261"   "6112525"   "618975"   "6450786"   "661406"   "6702555"   "6901212").FN. OR ("7282875").UFFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:41
S68	626	pressure adj flow adj characteristic\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:49
S69	340	S68 and pump\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:49
S70	312	S69 and (control\$3 or feedback)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 12:51
S71	2	("3274938").URPN.	USPAT	OR	OFF	2008/01/14 13:05
S72	1398516	torque adj speed characteristic\$1	USPAT	OR	OFF	2008/01/14 13:10
S73	466	torque adj speed adj characteristic\$1	USPAT	OR	OFF	2008/01/14

S74	12	("20020105335"   "20040263101"   "4333042"   "5034675"   "5038090"   "5256697"   "5998952"   "6091216"   "6373211"   "6449117"   "6538412"   "6794839").PN. OR ("7312592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 13:14
S75	21	("3851234"   "4320331"   "4322671"   "4361794").PN. OR ("4458192").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 14:20
S76	9	("4458192"   "4477762"   "4575667").PN. OR ("4611159").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 14:24
S77	1	"6900614".pn.	USPAT	OR	OFF	2008/01/14 15:35
S78	1	"4708112".pn.	USPAT	OR	OFF	2008/01/14 15:39
S79	24	discharge same pressure same flow same correspond\$5 same power same voltage	USPAT	OR	OFF	2008/01/14 15:58
S80	0	discharge with pressure with flow with correspond\$5 with power with voltage	USPAT	OR	OFF	2008/01/14 16:09
S81	190	(discharge adj pressure) with (discharge adj flow)	USPAT	OR	OFF	2008/01/14 16:10
S82	0	("7207173").URPN.	USPAT	OR	OFF	2008/01/14 16:12
S83	5	("4773369"   "4774921"   "5468126"   "5878721").PN. OR ("6161522").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 16:20
S84	153	S81 and pump\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 16:27
S85	0	(discharge adj pressure) with (discharge adj flow) with change\$3 with voltage	USPAT	OR	OFF	2008/01/14 16:36
S86	294	torque with speed with change\$3 with voltage	USPAT	OR	OFF	2008/01/14 16:37
S87	57	S86 and pump\$1	USPAT	OR	OFF	2008/01/14 16:38
S88	1	torque with speed with change\$3 with (voltage adj fluctuat\$4)	USPAT	OR	OFF	2008/01/14 16:46
S89	7	("4409530"   "4471283"   "4524399"   "4906910"   "4983891").PN. OR ("5266879").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 16:50
S90	30	torque with speed with change\$3 with (voltage adj (devia\$4 or change\$3))	USPAT	OR	OFF	2008/01/14 16:55
S91	139	(417/44.11).OCLS.	USPAT; USOCR	OR	OFF	2008/01/15 14:57
S92	8	("3966358"   "4225290"   "4474104"   "4595495"   "4617637"   "4795314"   "4850805"   "5240380").PN. OR ("6537032").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 15:32
S93	4	("5076761"   "5447414"   "5971711"   "6109879").PN. OR ("6364621").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 15:40
S94	179	maximum same pressure same flow same given same input same power same level	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 16:23
395	86	S94 and motor\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 16:24
S96	110	S94 and pump\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 16:24
S97	130	S95 or S96	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 16:24

S98	66	maximum with pressure with flow with input with power	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/15 16:31
S99	538	(417/45).CCLS.	USPAT; USOCR	OR	OFF	2008/01/17 14:36
S100	0	("L15andflow").PN.	USPAT; USOCR	OR	OFF	2008/01/17 14:37
S101	234	S99 and flow	USPAT	OR	OFF	2008/01/17 14:37
S102	190	S101 and pressure	USPAT	OR	OFF	2008/01/17 14:38
S104	142	S102 and voltage	USPAT	OR	OFF	2008/01/17 14:39
S105	53	S104 and feedback	USPAT	OR	OFF	2008/01/17 14:39
S106	1	"20070020108".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:32
S107	9603773	US "20050283277" A1 .pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:40
S108	1	"20050283277".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:41
S109	1	"20050281681".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:42
S110	1	"20050281680".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:42
S111	1	"20040016821".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:43
S112	1	"20030198557".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:44
S113	1	"20030017055".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:46
S114	1	"20020136642".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:47
S115	1	"6468042".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:52
S116	1	"6354805".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:52
S117	1	"6330525".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:55
S118	1	"6260004".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:57
S119	1	"5725357".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 16:59
S120	1	"5149413".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 17:00
S121	1	"5091686".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 17:01
S122	1	"4644748".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 17:02
S123	2	soft with start\$3 with squirrel with cage with induction with motor\$1	US-PGPUB; USPAT	OR	OFF	2008/01/17 17:10
S124	1	"6900614".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 17:13
S125	1857	(sample\$2 adj2 hold).ab.	USPAT	OR	OFF	2008/01/22 15:22

S126	201	S125 and motor\$1	USPAT	OR	OFF	2008/01/22 15:22
3127	16	S126 and pump\$1	USPAT	OR	OFF	2008/01/22 15:23
S128	121	S126 and (torque or speed)	USPAT	OR	OFF	2008/01/22 15:43
S129	53	S128 and (pressure or flow)	USPAT	OR	OFF	2008/01/22 15:43
S130	41	S129 not S127	USPAT	OR	OFF	2008/01/22 15:44
S131	0	wo-0121959-\$.did.	DERWENT	OR	OFF	2008/01/24 16:43
S132	1	wo-200121959-\$.did.	DERWENT	OR	OFF	2008/01/24 16:43
S133	1	EP-1134421-\$.did.	DERWENT	OR	OFF	2008/01/24 16:45
S134	1705	dalkin.as.	USPAT	OR	OFF	2008/01/24 17:03
S135	327	S134 and pump\$1	USPAT	OR	OFF	2008/01/24 17:04
S136	207	S135 and control\$3	USPAT	OR	OFF	2008/01/24 17:04
S137	96	S136 and (conver\$3 or inver\$3)	USPAT	OR	OFF	2008/01/24 17:05
S138	302	S134 and motor\$1	USPAT	OR	OFF	2008/01/24 17:12
S139	272	S138 not S137	USPAT	OR	OFF	2008/01/24 17:12
S140	167	S139 and control\$3	USPAT	OR	OFF	2008/01/24 17:13
S141	60	S140 and (conver\$3 or inver\$3)	USPAT	OR	OFF	2008/01/24 17:13
S142	13	("4295085"   "4565957"   "4591767"   "4641066"   "4949021"   "5512811"   "5581168").PN. OR ("5834911").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 17:18

<sup>7/27/2008 5:56:32</sup> PM

C:\ Documents and Settings\ dkasture\ My Documents\ EAST\ Workspaces\ Search for Application 10\_534690.wsp